EPA

TENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION	SITE NUMBER (to be assigned by Hq)
VI	ARD047338454

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition *(Section II)*. File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Tack Force *(EN-335)*; 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

ARD047338454

A. SITE NAME	B. STREET (or other identifier)		
International Paper Co.-Camden Mill	1944 Adams Avenue SW		
C. CITY	**D. STATE**	**E. ZIP CODE**	**F. COUNTY NAME**
Camden	AR	71701	Ouachita

G. SITE OPERATOR INFORMATION

1. NAME		2. TELEPHONE NUMBER	
Mr. Robert Bell-Acting Mill Manager		(501)231-4321	
3. STREET	**4. CITY**	**5. STATE**	**6. ZIP CODE**
1944 Adams Avenue SW	Camden	AR	71701

H. REALTY OWNER INFORMATION *(if different from operator of site)*

1. NAME		2. TELEPHONE NUMBER	
International Paper Co., 77 West 45th Street		(212)536-7009	
3. CITY		**4. STATE**	**5. ZIP CODE**
New York		NY	10036

I. SITE DESCRIPTION
Active paper mill with no inactive portions. Located on site are waste piles and lagoon treatment system.

J. TYPE OF OWNERSHIP
☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

II. TENTATIVE DISPOSITION *(complete this section last)*

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.)	B. APPARENT SERIOUSNESS OF PROBLEM
	☐ 1. HIGH ☐ 2. MEDIUM ☒ 3. LOW ☐ 4. NONE

C. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE (mo., day, & yr.)
Heather Schijf by Jamy C. Thibeau Heather Schijf, ICF Technology	(214)744-1641	4-27-87

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION

1. NAME	2. TITLE	
Collin Flatt	FIT Geologist	
3. ORGANIZATION		**4. TELEPHONE NO. (area code & no.)**
Ecology and Environment Inc, 1509 Main St., Dallas, TX 75201		(214)742-6601

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Heather Schijf	ICF Technology 1509 Main St., Suite 900 Dallas, Tx 75201	(214)744-1641
Pam Fetzer	ICF Technology 1509 Main St., Suite 900 Dallas, Tx 75201	(214)744-1641

C. SITE REPRESENTATIVES INTERVIEWED *(corporate officials, workers, residents)*

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
Mr. Russell Delezen	Superintendent of Technical and Environmental Services 502-231-4321 EXT 251	1944 Adams Avenue SW Camden, AR 71701

SUPERFUND FILE

MAR 11 1992

REORGANIZED

9532807

Continued From Front

II. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION *(sources of waste)*

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
International Paper Co.	(501)231-4321	1944 Adams Avenue SW	bark, spent lime and waste water.

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
N/A			

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
N/A		

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: *(credentials must be shown in all cases)*
3-20-87	8:45 am to 12:00 noon	[X] 1. PERMISSION [ ] 2. WARRANT

J. WEATHER *(describe)*
Clear, 70°, gentle breeze from the south.

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER *(specify)*	X	No samples taken during inspection.	

B. FIELD MEASUREMENTS TAKEN *(e.g., radioactivity, explosivity, PH, etc.)*

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
	No measurements taken.	

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS: [ ] a. GROUND [ ] b. AERIAL
2. PHOTOS IN CUSTODY OF: No photographs were taken due to cameras not being allowed.

D. SITE MAPPED?

[X] YES. SPECIFY LOCATION OF MAPS: Topo and site sketch attached.

E. COORDINATES

1. LATITUDE (deg.-min.-sec.)	2. LONGITUDE (deg.-min.-sec.)
33° 32' 48" N	92° 49' 22" W

V. SITE INFORMATION

A. SITE STATUS

[X] 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)
[ ] 2. INACTIVE (Those sites which no longer receive wastes.)
[ ] 3. OTHER (specify): (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

[ ] 1. NO [X] 2. YES (specify generator's four-digit SIC Code): 2621

C. AREA OF SITE (in acres)	D. ARE THERE BUILDINGS ON THE SITE?
Approx. 800 acres	[ ] 1. NO [X] 2. YES (specify): 4 production buildings and 3 office buildings.

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

'X'	A. TRANSPORTER	'X'	B. STORER	'X'	C. TREATER	'X'	D. DISPOSER
	1. RAIL	X	1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP	X	2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK	X	4. TANK, ABOVE GROUND	X	4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND	X	5. CHEM./PHYS./TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):	X	6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

[ ] 1. STORAGE [ ] 2. INCINERATION [ ] 3. LANDFILL [ ] 4. SURFACE IMPOUNDMENT [ ] 5. DEEP WELL
[ ] 6. CHEM/BIO/PHYS TREATMENT [ ] 7. LANDFARM [ ] 8. OPEN DUMP [ ] 9. TRANSPORTER [ ] 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

[X] 1. LIQUID [X] 2. SOLID [X] 3. SLUDGE [ ] 4. GAS

B. WASTE CHARACTERISTICS

[X] 1. CORROSIVE [X] 2. IGNITABLE [ ] 3. RADIOACTIVE [ ] 4. HIGHLY VOLATILE
[ ] 5. TOXIC [ ] 6. REACTIVE [ ] 7. INERT [ ] 8. FLAMMABLE

[ ] 9. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

No records available.

Continue On Reverse

VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT: UNKNOWN	AMOUNT: NONE	AMOUNT: NONE	AMOUNT: UNKNOWN	AMOUNT: UNKNOWN	AMOUNT: NONE
UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:
[X] (1) PAINT, PIGMENTS	[X] (1) OILY WASTES	[X] (1) HALOGENATED SOLVENTS	[X] (1) ACIDS	[X] (1) FLYASH	[X] (1) LABORATORY, PHARMACEUT.
[ ] (2) METALS SLUDGES	[ ] (2) OTHER (specify):	[ ] (2) NON-HALOGNTD. SOLVENTS	[ ] (2) PICKLING LIQUORS	[ ] (2) ASBESTOS	[ ] (2) HOSPITAL
[ ] (3) POTW		[ ] (3) OTHER (specify):	[X] (3) CAUSTICS	[ ] (3) MILLING/MINE TAILINGS	[ ] (3) RADIOACTIVE
[ ] (4) ALUMINUM SLUDGE			[ ] (4) PESTICIDES	[ ] (4) FERROUS SMELTING WASTES	[ ] (4) MUNICIPAL
[X] (5) OTHER (specify): Wood fiber and waste water.			[ ] (5) DYES/INKS	[ ] (5) NON-FERROUS SMLTG. WASTES	[ ] (5) OTHER (specify):
			[ ] (6) CYANIDE	[X] (6) OTHER (specify): Bark and sawdust.	
			[ ] (7) PHENOLS		
			[ ] (8) HALOGENS		
			[ ] (9) PCB		
			[ ] (10) METALS		
			[ ] (11) OTHER (specify):		

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X') a. SOLID	b. LIQ.	c. VAPOR	3. TOXICITY (mark 'X') a. HIGH	b. MED.	c. LOW	d. NONE	4. CAS NUMBER	5. AMOUNT	6. UNIT
Turpentine		X						8006-64-2	UNKNOWN	
Sodium hydrosulfide	X							16721-80-5	UNKNOWN	

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

[ ] A. HUMAN HEALTH HAZARDS

Continue On Page 5

Continued From Page 4

VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE

☒ C. WORKER INJURY/EXPOSURE

See VIII. N.

☐ D. CONTAMINATION OF WATER SUPPLY

☐ E. CONTAMINATION OF FOOD CHAIN

☐ F. CONTAMINATION OF GROUND WATER

☐ G. CONTAMINATION OF SURFACE WATER

Continued From Front

VIII. HAZARD DESCRIPTION (continued)

☐ H. DAMAGE TO FLORA/FAUNA

☒ I. FISH KILL

A Preliminary Assesment prepared by the State of Arkansas on 3-21-85 indicates numerous fish kills having occurred. An investigation on 3-20-87 could not uncover documentation that would substantiate past fish kills.

☐ J. CONTAMINATION OF AIR

☒ K. NOTICEABLE ODORS

In visiting the facility FIT members noticed a strong odor due to sulfur oxides which is characteristic of papermills. Mr. Delezen mentioned that the facility will be installing a system to burn combustible particulates that should help to eliminate some of the odor.

☐ L. CONTAMINATION OF SOIL

☐ M. PROPERTY DAMAGE

Continued From Page 6

VIII. HAZARD DESCRIPTION (continued)

☒ N. FIRE OR EXPLOSION

During the inspection on 3-20-87, Mr. Delezen mentioned that an explosion occurred in the mid 1970's. It was caused by built up pressure in an evaporator that contained hot green liquor which consists of sodium hydrosulfite and lime. Two fatalities were caused by thermal caustic burns.

☒ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

During the inspection FIT observed that unlined ditches were being used to transport the waste water from the waste clarifier to the treatment lagoons as well as to collect and transport any spills from the evaporator and also to collect diluted black liquor rinsed from tanker trucks

☐ P. SEWER, STORM DRAIN PROBLEMS

☐ Q. EROSION PROBLEMS

☒ R. INADEQUATE SECURITY

During the inspection FIT observed that the perimeter of the production area was fenced on only 3 sides, with the unfenced side being along the railroad tracks. According to Mr. Delezen there have been incidents of trespassers in the past.

☐ S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

☐ T. MIDNIGHT DUMPING

☒ U. OTHER (specify): The International Paper Co. in Camden, AR is an actively producing paper mill with no inactive portions. At one time the company thought of closing the Camden plant due to the loss of profit, but that decision has since been changed as the plant is now doing very well financially.

The facility manufactures flat and extensible papers that are used for grocery and multi-wall sacks, wrapping papers, asphalt laminated papers, gummed tape, meat wrap and industrial file folders. The primary chemicals used in the process are sodium hydrosulfide, lime(sodium carbonate)and wood fiber which is extracted from wood chips in a pulping process. At one time a portion of the pulp was partially bleached using sodium hypochloride for use in manila file folders. This bleaching process is no longer used, although the facility may resume its use in the near future. The mill generates no hazardous waste and the waste water that is produced is treated in the facilities own sewage treatment system. A composite sample of this raw sewage is analyzed once each shift for sodium concentration. The spent black liquor(sodium hyposulfide and wood extractables)is put through an evaporation system at which time turpentine and soap are extracted as by-products. The remaining black liquor is converted to green liquor and reused in the pulping process. The pulp is rinsed with water before it is pressed into paper and it is this waste water, which may contain some dilute spent black liquor, that is sent through waste clarifiers and then to biological treatment lagoons. Unlined earthern ditches are used to transport the waste water from the waste clarifiers to the treatment lagoons as well as to collect (See Attachment A)

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	190	190	50	.25 mile radius
2. IN COMMERCIAL OR INDUSTRIAL AREAS	3	3	1	100 ft.
3. IN PUBLICLY TRAVELLED AREAS	113/hr.	113/hr.	0	1000 ft.
4. PUBLIC USE AREAS (parks, schools, etc.)	2434	2434	3	1.32 miles

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
119.54 ft.	southwest	Drinking and production water for International Paper Co.
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)**	**F. DIRECTION TO DRINKING WATER SUPPLY**
300 gal/min.	approx. 1000 ft.	west

G. TYPE OF DRINKING WATER SUPPLY

☐ 1. NON-COMMUNITY < 15 CONNECTIONS* ☒ 2. COMMUNITY (specify town): Camden, AR > 15 CONNECTIONS

☒ 3. SURFACE WATER ☐ 4. WELL

Continue On Page 9

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')
5	250 ft.	International Paper Company	X	

I. RECEIVING WATER

1. NAME: West Two Bayou which is a tributary to the Ouachita River.

☐ 2. SEWERS ☒ 3. STREAMS/RIVERS ☐ 4. LAKES/RESERVOIRS ☐ 5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

The Ouachita River supplies the drinking water to the city of Camden and surrounding areas. The river is also used for primary and secondary recreation.

XI. SOIL AND VEGITATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE ☐ B. KARST ZONE ☒ C. 100 YEAR FLOOD PLAIN ☐ D. WETLAND

☐ E. A REGULATED FLOODWAY ☐ F. CRITICAL HABITAT ☒ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. OVERBURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
X	1. SAND				
	2. CLAY				
	3. GRAVEL				

XIII. SOIL PERMEABILITY

(See Attachment A)

☐ A. UNKNOWN ☐ B. VERY HIGH (100,000 to 1000 cm/sec.) ☐ C. HIGH (1000 to 10 cm/sec.)

☐ D. MODERATE (10 to .1 cm/sec.) ☐ E. LOW (.1 to .001 cm/sec.) ☒ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☒ 1. YES ☐ 2. NO 3. COMMENTS: See attachment A

H. DISCHARGE AREA

☐ 1. YES ☒ 2. NO 3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE: 0 -3%

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.: Northwest

J. OTHER GEOLOGICAL DATA

See attachment A

Continue On Reverse

Continued From Front

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X') 1. YES	2. NO	3. UNKNOWN
NPDES	EPA	AR0000558	10-1-86	9-31-91	X		

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

☐ NONE ☒ YES *(summarize in this space)*

The facility has been out of compliance in the past for discharging high BOD levels. The last incident occurred in December 1985 and the facility was required to make improvements on their evaporation system rather than pay a fine. There was also an incident of air noncompliance which was an isolated incident of black smoke emission in 1977. Since then the facility has been in compliance for both BOD levels and air emissions. The last inspection performed on August 7, 1986, substantiates this and is attached.

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition *(Section II)* information on the first page of this form.

POTENTIAL HAZARDOUS WASTE SI
SI.. INSPECTION REPORT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form 7207D-3.

Corresponding number on form	Additional Remark and/or Explanation
CONT. VIII. U.	and transport any spills from the evaporator and any dilute black liquor that is rinsed from tanker trucks. Due to the fact that the facility has extra boiler space, the facility accepts spent black liquor from other mills in the area whose boilers are not working or that have limited space. This spent black liquor is transported to the Camden Mill in tanker trucks. It was not determined if the other facilities put their pump through a bleaching process;however, if this is true then chlorine may be present in the waste water. The biological treatment lagoon is 35 acres in size and has 13 aerators that run 24 hours a day. As waste water enters one end of the treatment system, it drives treated water out the other end. This process takes an average of 10-12 days, but can be less if heavy rains occur. The treated water is continually discharged into the West Two Bayou, a tributary of the Ouchita River. The Ouchita River is the sole source of water for the city of Camden Public Water Supply. The City's intake is located approximately five miles upstream from the point where International Paper Company's discharge enters the river. The mill receives its drinking and production water from five wells that have a depth of 250 feet and draws water from the Sparta Sand Aquifer. There has been a problem in the past with the facility discharging treated water with high BOD levels. The last such incident occurred in December 1985. In September 1986, the evaporator system was upgraded so as to keep the BOD levels in compliance. According to Mr. Delezen there have been incidents of undiluted spent black liquor being discharged into the treatment lagoons and completely destroying the bacterial population. This was rectified by introducing freeze dried bacteria to restock the lagoon. The plant is in the process of obtaining a permit to construct a proper landfill that will be 20 acres in size and have a clay liner with a leachate collection system. At the present time, any soil waste is temporarily stored in piles that are sitting on bare soil. These piles as well as a layer of the soil they are sitting on will eventually be moved to the new landfill. There are a total of 5 unlined piles. One of the piles is a lime dump containing non-recyclable lime that has the possibility of leaching carbonates and sulfites when it rains. This leachate is collected by the use of dikes and pumped into unlined ditches and then transported into the waste clarifiers. Three other piles contain black ash, bark, mud, sand and gravel, and some sodium sulfide. There are no dikes present to collect any leachate. Mr. Delezen mentioned that at times the contents of these piles are sold to nurseries as mulch. A fifth pile appears to be a pile of solid waste such as garbage although the plants garbage is supposedly picked up twice a week. The pile is not diked but appears to be covered frequently. There is also a salvage yard containing the facility's equipment as well as salvage from other facilities. At one time transformers were received as salvage but before acceptance, the transformers were tested for PCB's and the results were negative. Also observed were stacks of empty,

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

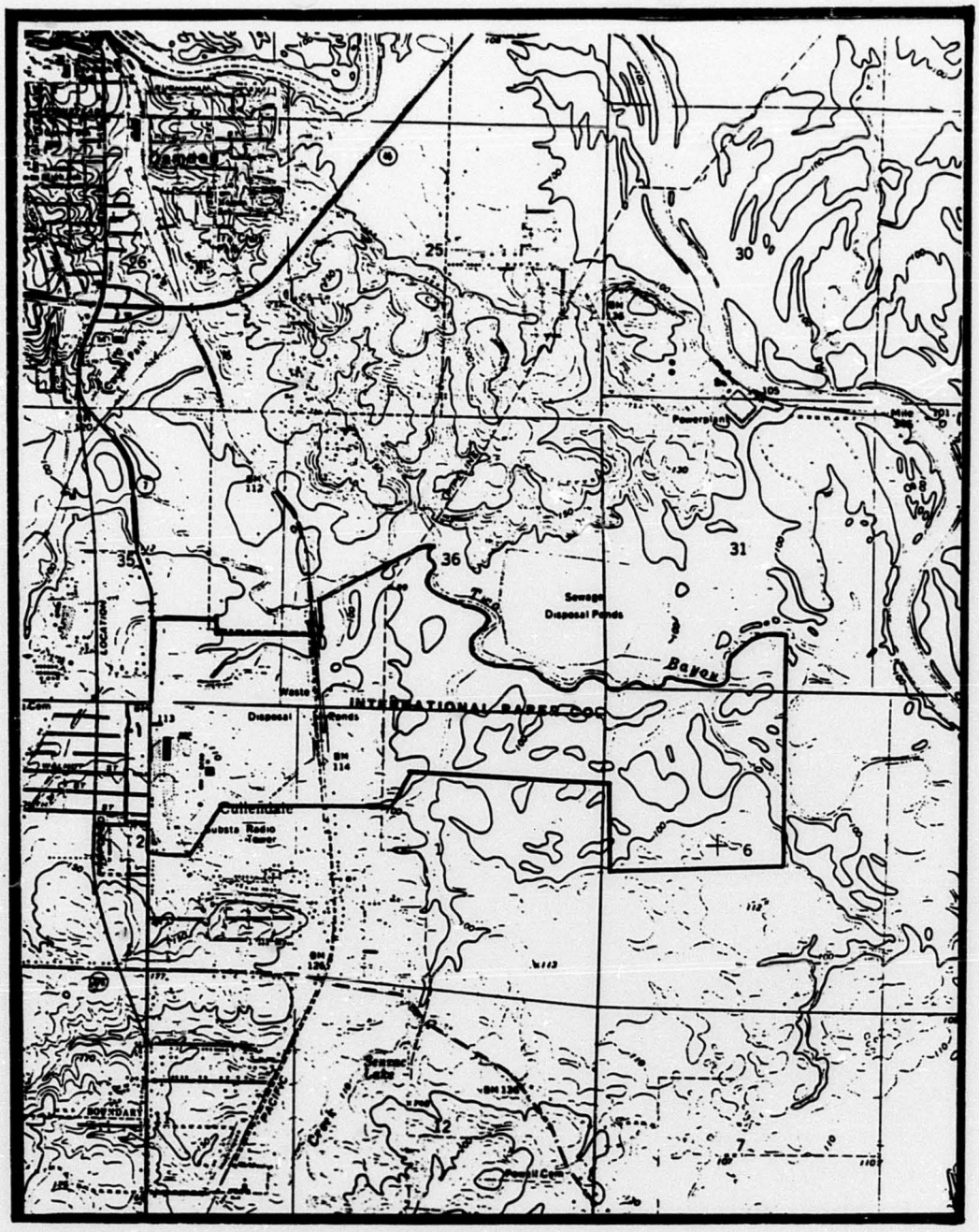
Instruction - This sheet is provided to give additional information in explanation of a question on the form 12070-3.

Corresponding number on form	Additional Remark and/or Explanation
CONT. VIII. U.	rusting, drums that at one time contained lubricant, hydraulic oil and adhesives. Storage of waste in drums was not observed. The facility emits a strong smell that is characteristic of paper mills. According to Mr. Delezen, they will be installing a system that will burn the combustible particulates and this may help to eliminate some of the smell. The facility falls under a grandfather clause regarding emission levels set by the state. They are not required to obtain a permit but are required not to exceed certain set levels of air emissions. This is monitored by computer and according to Mr. Delezen the facility has not been out of compliance since 1977. An inspection is made by the state once a year to determine if the mill is in compliance. A potential problem exists in that unlined ditches and unpermitted piles are present which could allow sodium sulfide to leach into the ground water. Since International Paper Company is an active facility and contains no inactive portions, any further action should be referred to the RCRA branch of the United States Environmental Protection Agency.
XIII. F.	The facility is located on the border of two different soil types, the Amy Association and the Norfolk fine sandy loam. The Amy association has low permeability and the available water capacity is high, whereas the Norfolk fine sandy loam has moderate permeability and moderate available water capacity. The majority of the facility is located on the Norfolk soil but there is a portion of the sewage treatment ponds as well as the lime dump that lie on the Amy association soils. The proposed landfill will be located on the Norfolk soils.
XIII. G.	The facility is located in an area that has a high recharge potential for the Spartan Sand Aquifer. This implies that there are areas in which the surficial materials readily allow percolation of water such as outcrop areas of confined aquifers. Water well data for wells that tap the Spartan Sand aquifer show that this may be true for the Camden area. These wells are located within a 6 mile radius of the papermill. The legal description of where each well is located as well as the depth of static water is as follows: Legal description — Depth to static water T13S, R16W, Sec8 — 18.89 ft. T14S, R17W, Sec2 — 119.54 ft. T14S, R17W, Sec5 — 34.54 ft.

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form 12070-3.

Corresponding number on form	Additional Remark and/or Explanation
XIII. J.	The geological formation for the Camden area is the Claiborne which is 1000 to 1500 feet thick and consists of the following subgroups listed in descending order: Cockfield Group that consists of lignite, fine to medium sand, and clay that yields small to moderate quantities of water. This layer is intermittent. Cook Mountain Formation that consists of clay. This is a confining layer that does not yield water to wells. Sparta Sand that consists of massive fine to medium sand with interbedded clay. Water yield is greater than 500 gallons per minute. Cane River Formation that consists of sand, clay, lignite and ironstone and that generally does not produce water. Carrizo Sand that consists of massive-bedded fine sand that can yield small amounts of water.



0 2000 ft
1 inch

CAMDEN QUADRANGLE
ARKANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 CAMDEN 15' QUADRANGLE

N

Site Sketch for the International Paper Co. Camden, Ark. March 20, 1987.
Legend:
- - fence
- - - - property line
+++ - railroad
0 2000ft 4000ft 6000ft
Scale
N
I.P. Co.
East Waste Disposal Ponds
proposed land fill
unpermitted bark and chip piles
Missouri Pacific Railroad.
unpermitted landfill
unpermitted bark and chip pile
lower pond.
Main Waste Disposal Ponds
13 - 10 horse power aerators.
unpermitted land dump
waste clarifiers
water treatment
Bag operations
Paper Mill
St. Louis and Southwestern Railroad.
Adams Fivr SW